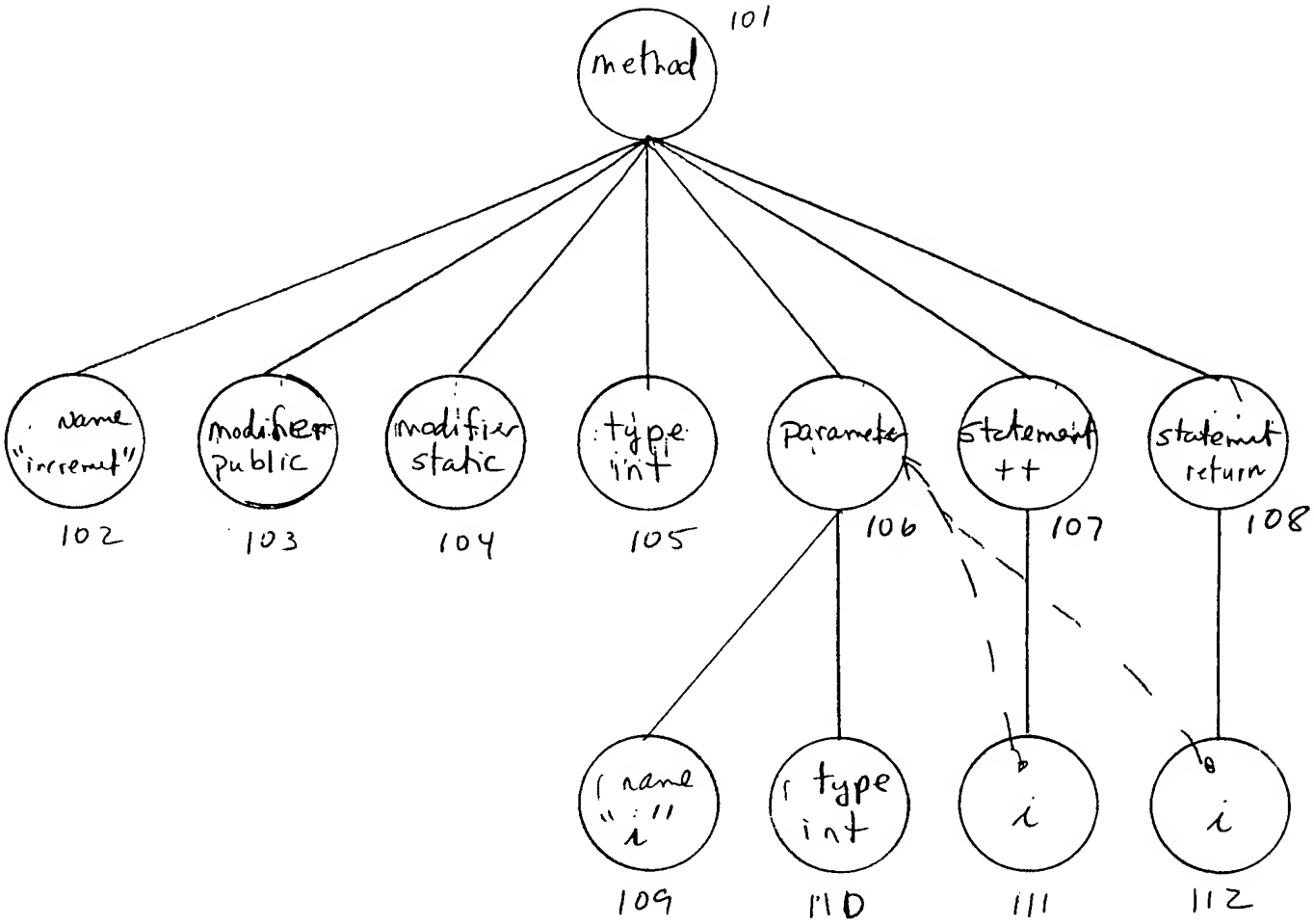
method
101
name
"increment"
102
modifier
public
103
modifier
static
104
type
int
105
parameter
106
statement
++
107
statement
return
108
name
"i"
109
type
int
110
i
111
i
112

Fig 1

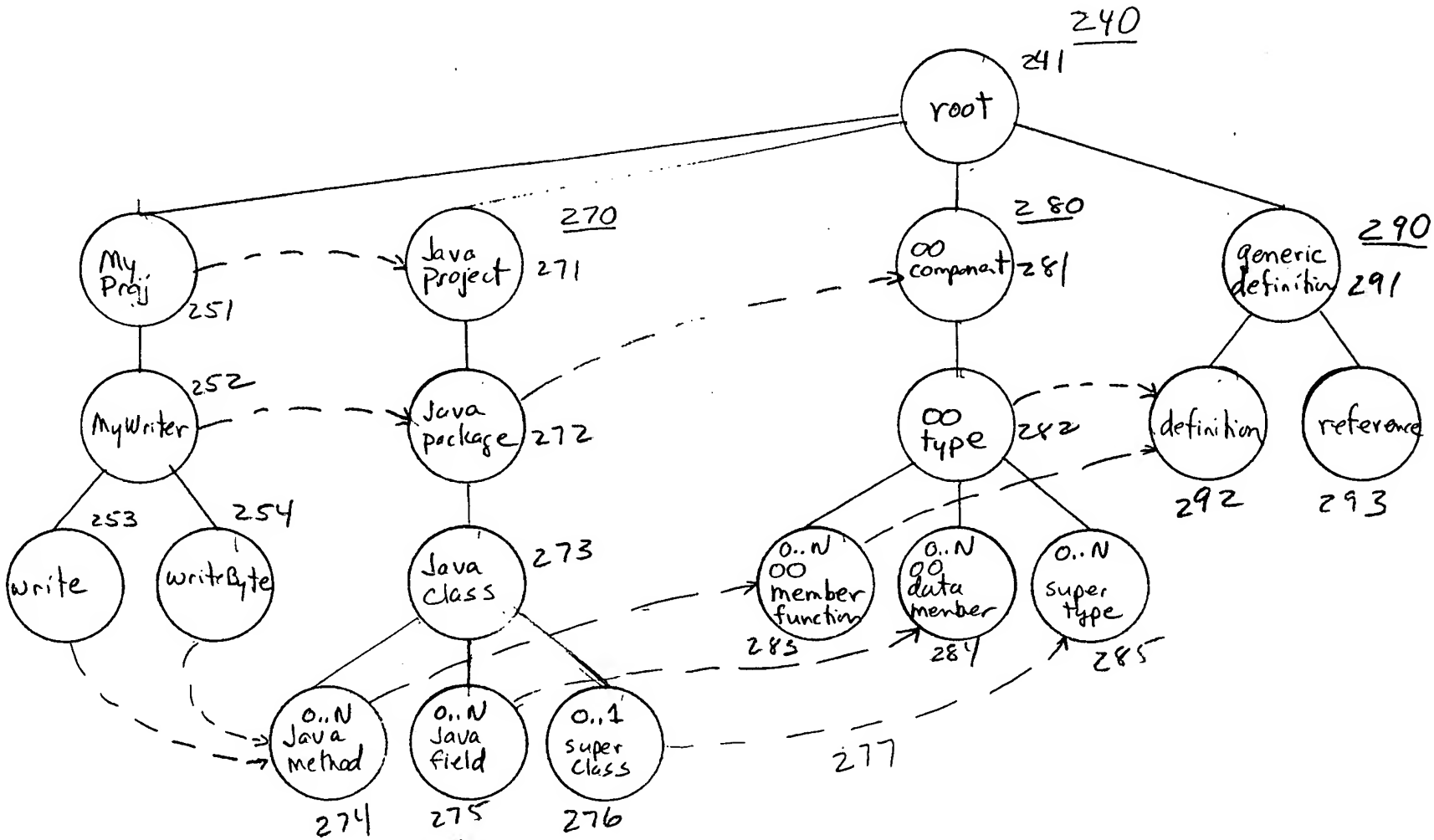
240
241
root
My Proj
251
Java Project
271
270
OO companat
281
280
generic definition
291
290
MyWriter
252
Java package
272
OO type
282
definition
292
reference
293
write
253
writeByte
254
Java class
273
0..N OO member function
285
0..N OO data member
284
0..N super type
285
0..N Java method
274
0..N Java field
275
0..1 super class
276
277
userproject
250
schema
260

Fig 2

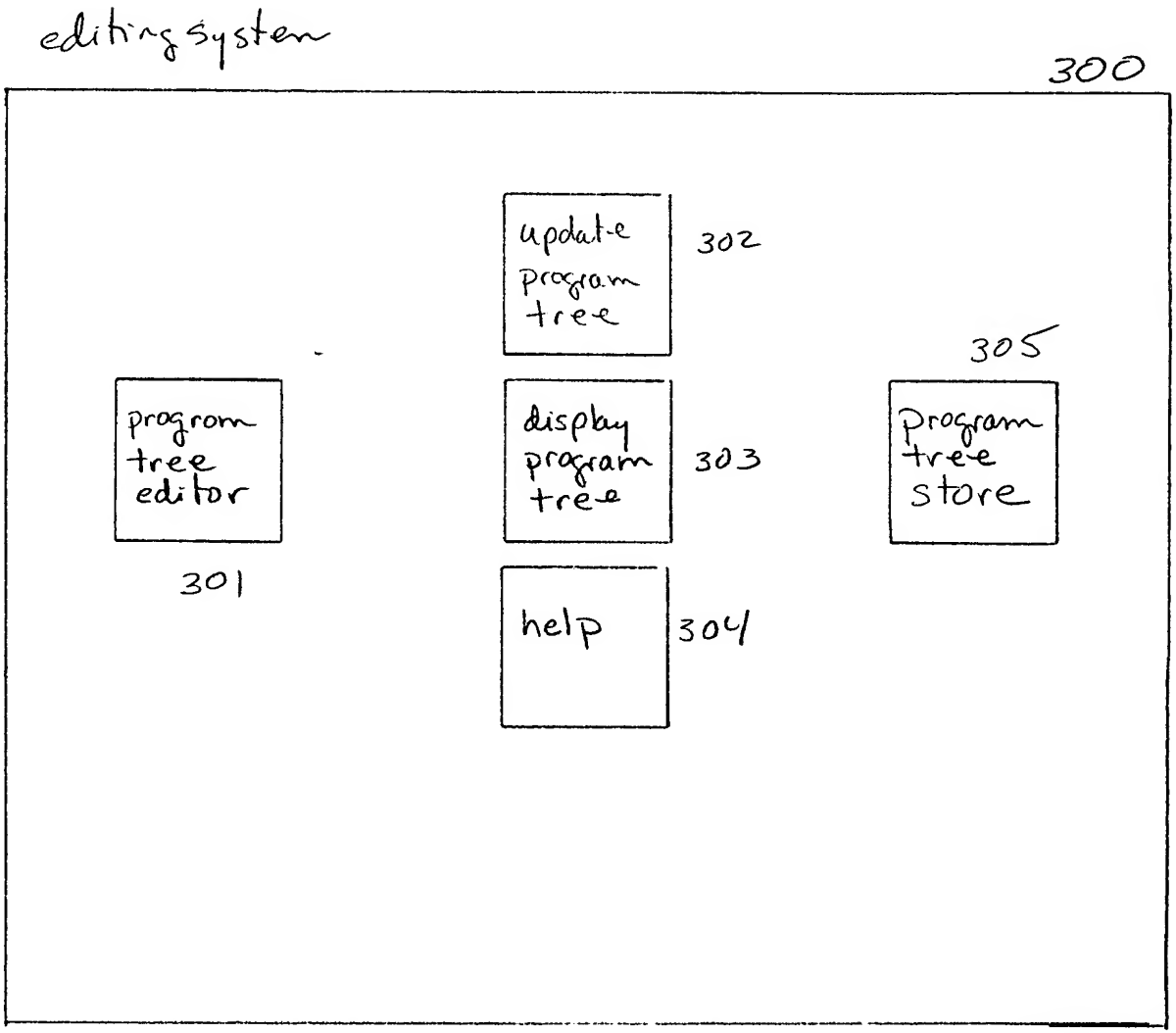
editing system
300
update program tree
302
program tree editor
display program tree
303
program tree store
305
301
help
304

Fig 3

400

401

```
Class MyWriter extends PrintWriter {
  void write(byte i) {
    writeByte(i);
  }
  void writeByte(int i){ ... }
  ...
}
```

402

Statement
Java method
OO member function
generic definition

403

Fig. 4

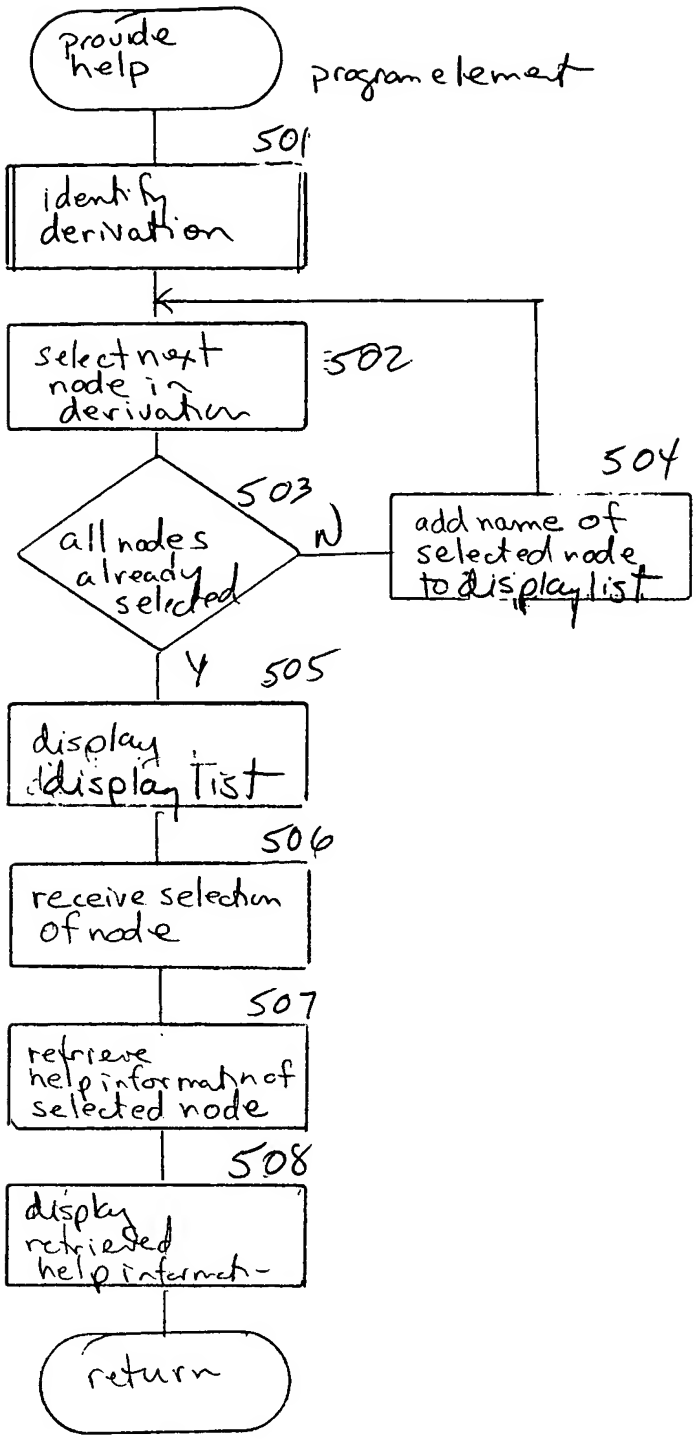
provide help program element
501
identify derivation
select next node in derivation
502
all nodes already selected
503
N
add name of selected node to display list
504
Y
505
display display list
506
receive selection of node
507
retrieve help information of selected node
508
display retrieved help informa-
return

Fig 5

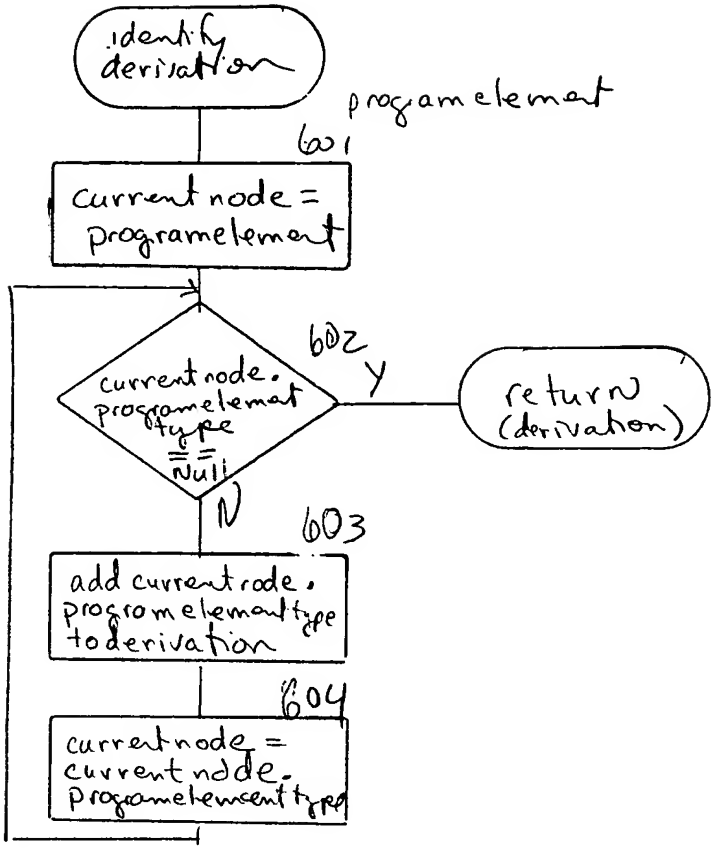
identify derivation
programelement
601
current node = programelement
602
current node. programelemat type == Null
Y
return (derivation)
N
603
add current node. programelemat type to derivation
604
current node = current node. programelement type

Fig 6